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by J. E. Fikus and G. L. Bir pp 13

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23 refs. CNRS-X 349.

Order from OTS, ETC or CNRS \$0.95 TT-62-28112

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Translation in English available from OTS, ETC or
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DESCRIPTION: *Semiconductors, Theory, *Solid
state physics, Electrical properties, Magnetic properties,
Thermodynamics, Mechanical properties,
Atoms, Polarization.

TT-62-28112

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- II. Firsov, Yu.A.
- III. CNRS-X 349
- IV. Centre National de la Recherche Scientifique, Paris

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JPRS L-1659-D

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Vol III, No 4

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Vol IV, No 6

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(13)-69-500-0022

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Pilat, S. and Winkler, J.
PRODUCTION OF HIGHER ALCOHOLS FROM PETRO-
LEUM HYDROCARBONS, PT. I. 14 Jan 32 [18]p.
(figs. omitted) 12 refs.
Order from SLA \$1.60

63-10433

Trans. of Przemysl Chemiczny (Poland) 1929, v. 13,
p. 185-195.

DESCRIPTORS: *Alcohols, Production, *Petroleum,
Hydrocarbons, Decomposition, Temperature,
*Ethylene, Gasoline.

The optimum temperature for the production of ole-
finic gases which can be utilized for manufacturing
secondary alcohols by cracking gas oil in the vapor
phase is between 600° to 670°. For this temperature
interval a maximum yield of 5-1/2%, figured on the
gas oil charged, is obtained. It was possible to obtain
(Engineering--Chemical, TT, v. 10, no. 2) (over)

63-10433

I. Pilat, S.
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Office of Technical Services

Pilat, S., Piotrowski, W. J., and Winkler, J.
PRODUCTION OF HIGHER ALCOHOLS FROM PETRO-
LEUM HYDROCARBONS, PT. II. 28 Jan 32, 20p.
(figs. refs. omitted).
Order from SLA \$1.60

63-10434

Trans. of Przemysl Chemiczny (Poland) 1929, v. 13,
5 May, p. 209-220.

DESCRIPTORS: *Alcohols, Production, Petroleum,
Hydrocarbons, *Gases, Propenes, Ethylenes, Separa-
tion, Gasoline, Sulfur, Dehydration, Sulfuric acid.

See also 63-10433

(Engineering--Chemical, TT, v. 10, no. 2)

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I. Pilat, S.
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PER, Handel Zagraniczny, No 3, 1961,
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FDD Sum 3139

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nie Nekotorykh Konturnykh Integralov v Zadachakh
Naporno Fil'tratsii Neszhimaemoi Zhidkosti k
Skvazhinam). [1962] 19p. (foreign text included)
7 refs.

Order from OTS or SLA \$1.10

62-16440

Trans. of Akademiya Nauk SSSR. Doklady, 1956,
v. 110, no. 5, p. 742-745.

DESCRIPTORS: Liquids, *Liquid filters, Permeability,
Viscosity, Petroleum, Sources, *Fluid mechanics,
Mathematical analysis, *Integrals, Functions.

(Earth Sciences--Geology, TT, v. 9, no. 10)

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I. Pilatovskii, V. P.

Office of Technical Services

On Displacement at Interface Between Two
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by V. P. Zilatoskiy.

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DANISH, rpt, Det Danske Lægenrigs - og
højskoleministeriets Bekendtgørelse

15 June 1955. 9232606

ASG NP-Tr 1262

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Oct 66

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Order from OTS, ETC or CNRS \$1.22 62-26898

Trans. In French of Przemysl Chemiczny (Poland) 1958, v. [14] (37) p. 529-537.

DESCRIPTORS: Air, *Gases, *Vapors, *Combustion, Chemical reactions, Inflammable materials, Theory, Reaction kinetics,
(Chemistry--Physical, TT, v. 10, no. 10)

62-26898

- I. Pik, A.
- II. Centre National de la Recherche Scientifique

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 FLAMMABLES AVEC L'AIR. V. LIMITES DE DETON-
 ATION DES GAZ ET VAPEURS INFLAMMABLES DANS
 L'AIR (Niebezpieczeństwo Wybuchów Mieszanin
 Palnych par i Gazów z Powietrzem. V. Granice
 Wybuchowości Palnych par i Gazów z Powietrzem)
 (Danger of Explosion of Flammable Mixtures of
 Vapors and Gases with Air. V. Explosion Limits of
 Flammable Vapors and Gases). 39p. (foreign text in-
 cluded). 6 refs. CNRS-VIII bis 445.
 Order from OTS, ETC or CNRS S1.37 TT-62-28138

Trans. in French of Przemysl Chemiczny (Poland)
 1957, v.13 (36), no.10, p.591-598.

DESCRIPTORS: Gases. *Detonations, Air, Vapors,
 *Inflammable materials, Theory.

(Chemistry--TT, v. 11, no. 7)

TT-62-28138

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- II. CNRS-VIII bis 445
- III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
 European Translations Centre

Explosion Hazards of Combustible Vapor
and the Mixture with the Air. IV.

Factors Influencing the Lower Explosion
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for These Limits, by A. Pile, 25p.

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SLA TT-69-10812

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Pilc, A., Osmolski, H., and Rybacki, L.
PREPARATION OF DIPHENYL ETHER FROM PHENO-
LATES AND CHLOROBENZENE. [1963] 6p.
Order from ATS \$10.00

ATS-55Q67P

Trans. of Przemysl Chem[iczny] (Poland) 1950, v. 6 [29]
no. 4, p. 194-197.

DESCRIPTORS: *Phenyl ethers, Synthesis, *Phenols,
Esters, *Benzenes, *Chlorides.

(Chemistry--Organic, TT, v. 10, no. 1)

63-17173

- I. Pilc, A.
- II. Osmolski, H.
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- V. Associated Technical
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Office of Technical Services

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Pilch, M., compiler.

INVESTIGATION OF AIRFIELD DRAINAGE ARCTIC
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OF SELECTED TOPICS. Rept. on Project "Research
Investigations of Drainage of Airfields in Arctic and
Subarctic Regions," Contract W21-018-eng-430, Apr 49
[153]p. 40 refs. SAFHL PR-17.
Order from OTS or SLA \$11.50

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- I. Pilch, M.
- II. Title: Research...
- III. SAFHL PR-17
- IV. St. Anthony Falls
Hydraulic Lab., U. of
Minnesota, Minneapolis
- V. Contract W21-018-eng-430

Trans. of inzh. Gidrolizoluziya i Drenazh
Oboronitel'nykh i Neoboronitel'nykh So-orueni,
Moscow/Leningrad, 1943, 124p.; Referati Nauchno-
Issledovatel'nykh Rabot v 1945 G., Moscow, 1947
(partial) Nalezi i Borba s Nimi, Moscow, 1940, 133p.
(abstract)

DESCRIPTORS: Landing fields, *Drainage, Arctic
regions, *Soils, Water, Hydrology, *Moisture-
proofing, *Permafrost, Soil mechanics, *Ice,

(Engineering--Civil, IT, v. 9, no. 8)

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JPRS 6670

Sci - Math

Feb 61

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On Nervous and Mental Diseases in Catholic Clergy
and Rins, by A. XI Pilcz, 15 pp.

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1913, pp 367-375.

WIE Tr 4-43

Sci - Med

May 58

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The Question of Myxedema Psychosis and Thyroid
Gland Therapy in Psychoses Generally, by
Alexander Pilcz, 4 p.

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SLA 59-10706

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Jan 60
Vol 2, No 8

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The Question of Myxedema Psychosis and Thyroid Gland
Therapy in Psychoses Generally, by Alexander Pilcz,
3 pp. ABSTRACT

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Sci - Med

Apr 59

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Buildings and Length of Production Cycle, by
Jerzy Filer, 9 pp.

POLISH, per, Przegląd Budowlany, Vol XXXII, No 11,
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JPRS 7951.

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GROWTH BY DL-TRYPTOPHANE (Etude de l'Inhibi-
tion de la Croissance Radiculaire par le DL-
Tryptophane). [1961] [19]p. 32 refs.
Order from SLA \$1.50

61-20441

Trans. of [Schweizerische Botanische Gesellschaft.
Berichte] 1958, v. 68, p. 239-248.

DESCRIPTORS: Growth, *Metabolism inhibitors,
*Tryptophane, Hormones, Growth substances,
*Plants, Seeds, Biochemistry.

(Biological Sciences--Botany, TT, v. 7, no. 5)

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I. Eilat, P.-E.
II. Kober, M.

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Pilet, Paul-Emile and Kobr, Michel.
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Tryptophane). [1961] [19]p. 32 refs.
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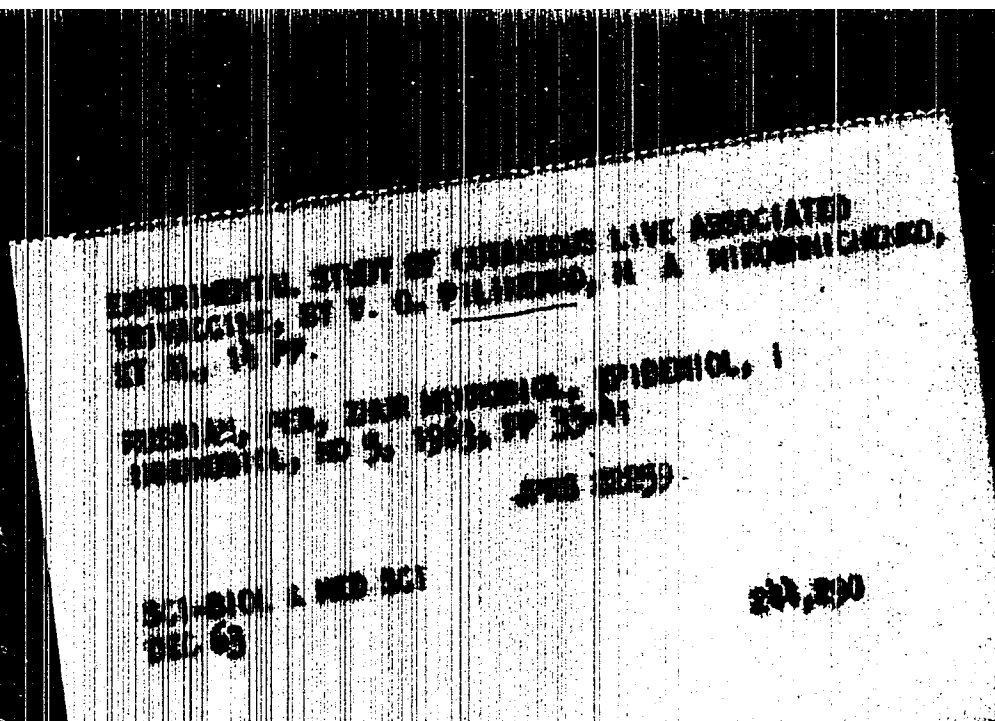
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